



CITY OF HAYWARD

AGENDA REPORT

AGENDA DATE 06/24/03

AGENDA ITEM 4

WORK SESSION ITEM _____

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Authorization for the City Manager to Execute an Agreement for Surveying and Utility Mapping Services for Water Mains

RECOMMENDATION:

It is recommended that the City Council adopt the attached resolution, which authorizes the City Manager to execute an agreement with CCS Planning and Engineering, Inc., (CCS) for surveying and utility mapping services for Water Mains Replacement in an amount not to exceed \$170,000.

BACKGROUND:

The Water Main Replacements project is a part of the City's annual program to replace existing old water mains in poor condition to improve the water system reliability and capacity. The project will consist of replacing approximately 12,800 LF of 12-inch and 6-inch water pipes constructed in the 1920's to 1950's and 25 fire hydrants. The project locations are Jackson Street, Pontiac Street, Glade Street, Grand Street, Winton Avenue, Meek Avenue, and Mission Boulevard.

This water main replacement projects at Walpert Street and Palisade Street are part of the Seismic Retrofit project. The water main replacement project at Walpert Street will replace approximately 400 LF of the existing 16-inch water transmission main with 24-inch water line; approximately 600 LF of the existing 24-inch steel mortar lined and coated water transmission main with 24-inch high strength steel pipe; and 3 fire hydrants. The project's general location is at Walpert Street between Mission Boulevard and Janssen Court.

This water main replacement project at Palisade Street will replace approximately 500 LF of the existing 16-inch concrete cylinder water transmission main with 16-inch high strength steel pipe. The project location is at Palisade Street between Mission Boulevard and Margaret Drive.

The consultant will provide surveying and utility mapping services for the planned improvements. These services will allow the actual design of these projects to be accomplished by in-house staff.

Consultant Selection:

Upon review of the qualifications of consultants, staff requested three firms to submit proposals for the surveying and utility mapping services. Two of the three firms submitted proposals for the project. The one firm that did not submit a proposal responded stating that it would not pursue the project because of other commitments for its technical resources. CCS has previously demonstrated technical proficiency at providing surveying and utility mapping services for other projects in Hayward. In further discussion with the consulting firms, CCS demonstrated good knowledge of the Hayward area. City staff felt that CCS's qualifications were equal or superior to the other firm. Qualifications were evaluated based on: (1) relevant experience; (2) experience and qualifications of the project manager and design team of the firm; (3) method of work proposed by the firm; and (4) resources, project controls, and quality assurance of the firm.

CCS is an MBE/WBE firm. Its hourly fees, hours and percentage of MBE/WBE participation were reasonable. CCS's proposed fees for Jackson Street and Mission Areas were competitive with the other firm. Although its fees for Walpert Street and Palisade Street were higher than those of the other firm, the other firm's labor hours did not reflect an adequate understanding of the latter projects. Therefore, while CCS's overall fee is slightly higher than the other firm, based on an analysis of the number of labor-hours proposed by the consultant, staff has concluded that CCS's proposal is more responsive to the City's needs and that the final negotiated not-to-exceed cost of \$170,000 from CCS is reasonable for the scope of services required.

Project Cost (Water Main Replacement at Jackson Street and Mission Areas):

Survey and Utility Mapping	\$ 110,000
Design (In-house)	100,000
Construction Cost	2,700,000
Inspection & Administration	<u>80,000</u>
Total:	\$ 3,000,000

Project Cost (Water Main Replacement Projects at Walpert Street and Palisade Street):

Survey and Utility Mapping	\$ 60,000
Design (In-house)	60,000
Construction Cost	700,000
Inspection & Administration	<u>50,000</u>
Total:	\$ 870,000

Funding:

The 2003-04 Five Year Capital Improvement Program includes funding equal to the current estimated project cost for these projects.

Schedule:

The following tentative project schedule has been developed for these projects:

Begin Survey and Utility Mapping	July 2003
Survey and Utility Mapping Completion	October 2003
Begin Design	November 2003
Design Completion/Advertise Construction Contract	May 2004
Award Construction Contract	July 2004
Begin Construction	August 2004
Construction Completion	April 2005

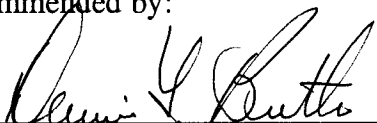
The attached resolution authorizes the City Manager to execute a time and material's agreement with the firm of CCS Planning and Engineering, Inc. for a maximum amount not to exceed \$170,000 for surveying and utility mapping services.

Prepared by:



Alex Ameri, Deputy Director of Public Works

Recommended by:



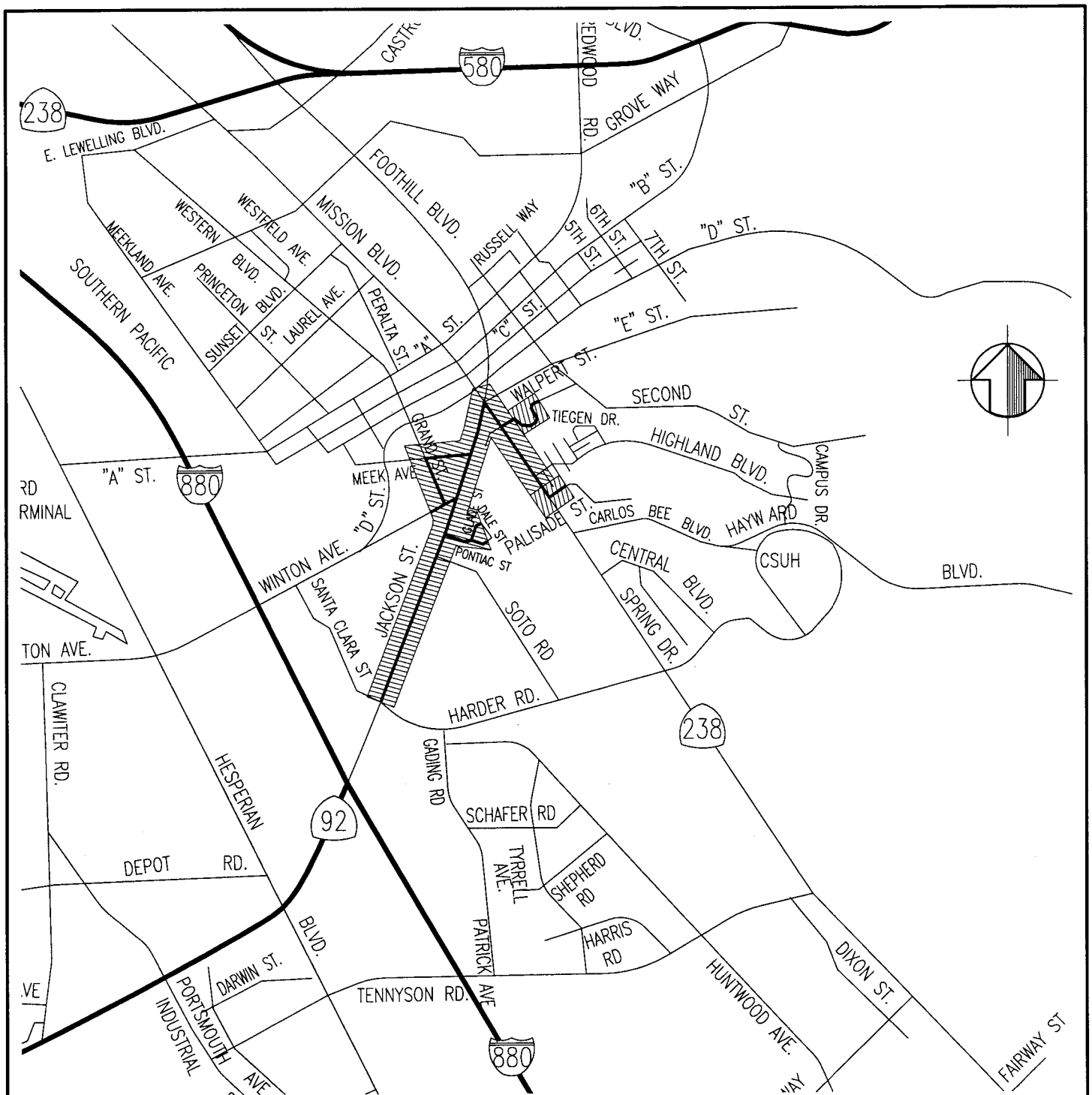
Dennis L. Butler, Director of Public Works

Approved by:



Jesus Armas, City Manager

Attachment: Exhibit A - Project Location Map



LEGEND:   **PROJECT AREA**

PROJECT LOCATION MAP

**WATER MAIN REPLACEMENT AT
JACKSON STREET AND MISSION AREAS,
WALPERT STREET, AND PALISADE STREET**

PROJECT NO. 623-7163

EXHIBIT "A"

DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. 03-

Introduced by Council Member _____

RESOLUTION AUTHORIZING THE CITY MANAGER
TO EXECUTE AN AGREEMENT BETWEEN THE CITY
OF HAYWARD AND CCS PLANNING AND
ENGINEERING, INC. FOR SURVEYING AND UTILITY
MAPPING SERVICES FOR THE WATER MAINS
REPLACEMENT PROJECT, PROJECT NOS. 7163 & 7164

BE IT RESOLVED by the City Council of the City of Hayward that the City Manager is hereby authorized and directed to negotiate and execute on behalf of the City of Hayward an agreement for surveying and utility mapping services with CCS Planning and Engineering, Inc. for the Water Mains Replacement at Jackson Street and Mission Areas, Walpert Street, and Palisade Street Project, Project Nos. 7163 & 7164, in an amount not to exceed \$170,000, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA June 24, 2003

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:

MAYOR:

NOES: COUNCIL MEMBERS: None

ABSTAIN: COUNCIL MEMBERS: None

ABSENT: COUNCIL MEMBERS: None

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward